

BHAV 455 : Neurology of Behavioral Health

Credits 5

Quarter Offered Fall

This course explores the relationship between neurology and behavioral health, examining the biological basis of various behavioral health disorders. Students will gain an understanding of the neurological mechanisms, etiology, clinical presentation, and treatment options for these disorders. This class may include students from multiple sections.

Must be seeking a Bachelor of Applied Science in Behavioral Healthcare degree to enroll. If interested, visit pencol.edu/bas

Prerequisites

Behavioral Healthcare BAS Program Admittance

Course Outcomes

Develop a foundational understanding of the structure and function of the brain and its significance in shaping human behavior.

Examine the neurobiological basis of behavioral health disorders, including the involvement of neurotransmitters, brain regions, and neural circuits in these conditions.

Investigate the potential causes and risk factors associated with the development of behavioral health disorders, such as genetics, environmental influences, and stressors.

Develop research skills by critically analyzing scientific literature related to the neurology of behavioral health disorders and encouraging students to engage in research projects.

Demonstrate an understanding of NEAR (Neurobiology, Epigenetics, Adverse Childhood Experiences and Resilience research) science, intellectual disabilities, learning disorders, epigenetics, traumatic brain injury, nature nurture.